Aimin Yu

List of Publications by Year
in descending order

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195 papers	7,860 citations	41258 49 h-index	64668 79 g-index
201 all docs	201 docs citations	201 times ranked	9774 citing authors

#	Article	IF	Citations
1	Enzyme-catalyzed deposition of polydopamine for amplifying the signal inhibition to a novel Prussian blue-nanocomposite and ultrasensitive electrochemical immunosensing. Journal of Materials Science and Technology, 2022, 102, 166-173.	5.6	10
2	Graphene Nanocomposites Based Electrochemical Sensing Platform for Simultaneous Detection of Multiâ€drugs. Electroanalysis, 2022, 34, 435-444.	1.5	8
3	Two-Dimensional Dy2O3-Pd-PDA/rGO Heterojunction Nanocomposite: Synergistic Effects of Hybridisation, UV Illumination and Relative Humidity on Hydrogen Gas Sensing. Chemosensors, 2022, 10, 78.	1.8	10
4	Graphene-based electrochemical sensors for antibiotic detection in water, food and soil: A scientometric analysis in CiteSpace (2011â€“2021). Chemosphere, 2022, 297, 134127.	4.2	62
5	Ultra-Sensitive Photo-Induced Hydrogen Gas Sensor Based on Two-Dimensional CeO2-Pd-PDA/rGO Heterojunction Nanocomposite. Nanomaterials, 2022, 12, 1628.	1.9	10
6	Esterified cellulose nanocrystals for reinforced epoxy nanocomposites. Progress in Natural Science: Materials International, 2022, 32, 328-333.	1.8	11
7	Investigation of Gentamicin Release from Polydopamine Nanoparticles. Applied Sciences (Switzerland), 2022, 12, 6319.	1.3	4
8	Amineâ€Mediated Domino Reaction of Thioisatins: Synthesis of Benzothiopheneâ€fused Nâ€Heterocycles under Catalystâ€Free Conditions. Asian Journal of Organic Chemistry, 2021, 10, 382-385.	1.3	4
9	Tunable synthesis of benzothiophene fused pyranone and thiochromen fused furan derivatives via a domino process. Organic Chemistry Frontiers, 2021, 8, 936-940.	2.3	9
10	Stereoselective [4 + 3] annulation of azadienes and ethyl 4-bromo-3-oxobutanoate: construction of benzindeno-fused azepine derivatives. Organic and Biomolecular Chemistry, 2021, 19, 9026-9030.	1.5	4
11	Fe₃O₄@polydopamine and Exo III-assisted homogeneous biorecognition reaction for convenient and ultrasensitive detection of kanamycin antibiotic. Analyst, The, 2021, 146, 1414-1420.	1.7	4
12	Divergent Construction of Benzothiophene-Fused N-Heterocycles via Stereotunable Three-Component Domino Reactions. Journal of Organic Chemistry, 2021, 86, 3860-3870.	1.7	7
13	Intertwined Carbon Nanotubes and Ag Nanowires Constructed by Simple Solution Blending as Sensitive and Stable Chloramphenicol Sensors. Sensors, 2021, 21, 1220.	2.1	17
14	Early sex determination of Ginkgo biloba based on the differences in the electrocatalytic performance of extracted peroxidase. Bioelectrochemistry, 2021, 140, 107829.	2.4	12
15	Catalyst-controlled switchable [4 + 1], [4 + 3] and [3 + 2] domino reactions of azadienes and MBH carbonates: diverse synthesis of benzothiophene fused derivatives. Organic and Biomolecular Chemistry, 2021, 19, 8783-8788.	1.5	7
16	Synthesis of novel pyridinium 1,5-zwitterions and their reactivity with isatin-based Î±-(trifluoromethyl)imines: a sulfur-controlled domino reaction. Organic Chemistry Frontiers, 2021, 8, 3718-3723.	2.3	13
17	Conductive Hydrogel-Based Electrochemical Sensor: A Soft Platform for Capturing Analyte. Chemosensors, 2021, 9, 282.	1.8	32
18	A Double-Deck Structure of Reduced Graphene Oxide Modified Porous Ti3C2Tx Electrode towards Ultrasensitive and Simultaneous Detection of Dopamine and Uric Acid. Biosensors, 2021, 11, 462.	2.3	15

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19	Editorial: Graphene-Enhanced Electrochemical Sensing Platforms. Frontiers in Chemistry, 2021, 9, 815981.	1.8	1
20	Development of a techno-economic framework for natural gas dehydration via absorption using tri-ethylene glycol: A comparative study between DRIZO and other dehydration processes. South African Journal of Chemical Engineering, 2020, 31, 17-24.	1.2	8
21	A sandwich-like porous hard carbon/graphene hybrid derived from rapeseed shuck for high-performance lithium-ion batteries. Journal of Alloys and Compounds, 2020, 818, 152849.	2.8	15
22	Proximity Binding-Triggered Assembly of Two MNAzymes for Catalyzed Release of G-Quadruplex DNAzymes and an Ultrasensitive Homogeneous Bioassay of Platelet-Derived Growth Factor. Analytical Chemistry, 2020, 92, 593-598.	3.2	30
23	Nitrogenâ€Doped Hard Carbon on Nickel Foam as Freeâ€Standing Anodes for Highâ€Performance Sodiumâ€Ion Batteries. ChemElectroChem, 2020, 7, 604-613.	1.7	13
24	Facile Synthesis of Highly Porous N-Doped Carbon Nanosheets with Silica Nanoparticles for Ultrahigh Capacitance Supercapacitors. Energy & Fuels, 2020, 34, 11508-11518.	2.5	24
25	Construction of Benzothiophene or Benzothiopheno[2,3-e]azepinedione Derivatives via Three-Component Domino or One-Pot Sequences. Journal of Organic Chemistry, 2020, 85, 12270-12283.	1.7	11
26	Construction of benzothiophene fused pyrrolidone in water via a catalyst-free process and a mechanism study. Green Chemistry, 2020, 22, 6798-6803.	4.6	14
27	Current Advances of Hollow Capsules as Controlled Drug Delivery Systems. ChemistrySelect, 2020, 5, 5537-5551.	0.7	9
28	Dually enhanced homogenous synthesis of molybdophosphate by hybridization chain reaction and enzyme nanotags for theÂelectrochemical bioassay of carcinoembryonic antigen. Mikrochimica Acta, 2020, 187, 361.	2.5	4
29	Production of Cellulose Nanocrystals from Australian Wood Sources. Journal of Nanoscience and Nanotechnology, 2020, 20, 5642-5647.	0.9	2
30	Nitrogen-doped porous hard carbons derived from shaddock peel for high-capacity lithium-ion battery anodes. Journal of Electroanalytical Chemistry, 2020, 862, 114044.	1.9	53
31	Corrosion Behavior of AISI 1045 Steel in Seawater in the Presence of Flavobacterium sp.. Frontiers in Microbiology, 2020, 11, 303.	1.5	7
32	Editorial: Polydopamine-Based Nanostructures: Synthesis and Biomedical Applications. Frontiers in Chemistry, 2020, 8, 206.	1.8	3
33	Enzymatic deposition of gold nanoparticles at vertically aligned carbon nanotubes for electrochemical stripping analysis and ultrasensitive immunosensing of carcinoembryonic antigen. Analyst, The, 2020, 145, 3073-3080.	1.7	7
34	Additive-Free Baeyerâ€“Villiger Oxidation of Cyclic Ketone Catalyzed by Carboxylic-Functionalized Poly(Ionic Liquids) and Polyoxometalate Ionic Self-Assemblies. Catalysts, 2020, 10, 127.	1.6	8
35	Amphiphilic poly(ionic liquid)/Wellsâ€“Dawsonâ€type phosphovanadomolybdate ionic composites as efficient and recyclable catalysts for the direct hydroxylation of benzene with H₂O₂. Applied Organometallic Chemistry, 2020, 34, e5606.	1.7	5
36	Infrageneric phylogenetics investigation of Chimonanthus based on electroactive compound profiles. Bioelectrochemistry, 2020, 133, 107455.	2.4	86

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37	Threeâ€dimensional nitrogen rich bubbled porous carbon sponge for supercapacitor & pressure sensing applications. International Journal of Energy Research, 2020, 44, 7242-7253.	2.2	16
38	Sulfurâ€doped shaddock peelâ€“derived hard carbons for enhanced surface capacity and kinetics of lithiumâ€ion storage. International Journal of Energy Research, 2020, 44, 4026-4037.	2.2	10
39	Î²-Cyclodextrin-Immobilized Ni/Graphene Electrode for Electrochemical Enantiorecognition of Phenylalanine. Materials, 2020, 13, 777.	1.3	10
40	Polydopamine Nanosphere with In-Situ Loaded Gentamicin and Its Antimicrobial Activity. Molecules, 2020, 25, 2090.	1.7	68
41	Ternary polyurethane nanocomposites with remarkable electrical conductivity. Materials Science and Technology, 2020, 36, 540-547.	0.8	1
42	Sensitive and rapid aptasensing of chloramphenicol by colorimetric signal transduction with a DNAzyme-functionalized gold nanoprobe. Food Chemistry, 2019, 270, 287-292.	4.2	45
43	Single PdO loaded on boron nanosheet for methane oxidation: A DFT study. Progress in Natural Science: Materials International, 2019, 29, 367-369.	1.8	11
44	Lycoris species identification and infrageneric relationship investigation via graphene enhanced electrochemical fingerprinting of pollen. Sensors and Actuators B: Chemical, 2019, 298, 126836.	4.0	75
45	Hybridization chain reaction-enhanced enzyme biomineralization for ultrasensitive colorimetric biosensing of a protein biomarker. Analyst, The, 2019, 144, 5003-5009.	1.7	11
46	Current Advances in the Utilization of Polydopamine Nanostructures in Biomedical Therapy. Biotechnology Journal, 2019, 14, e1900080.	1.8	21
47	Synthesis of Polydopamine Hollow Capsules via a Polydopamine Mediated Silica Water Dissolution Process and Its Application for Enzyme Encapsulation. Frontiers in Chemistry, 2019, 7, 468.	1.8	9
48	Cauliflowerâ€like Platinum Particles Decorated Reduced Graphene Oxide for Sensitive Determination of Acetaminophen. Electroanalysis, 2019, 31, 1758-1768.	1.5	9
49	Facile one-pot synthesis of hollow NiCoP nanospheres via thermal decomposition technique and its free-standing carbon composite for supercapacitor application. Journal of Energy Storage, 2019, 25, 100893.	3.9	41
50	Construction of Eight-Membered Cyclic Diaryl Sulfides via Domino Reaction of Arynes with Thioaurone Analogues and DFT Study on the Reaction Mechanism. Organic Letters, 2019, 21, 9014-9018.	2.4	22
51	Analysis of chicken breast meat freshness with an electrochemical approach. Journal of Electroanalytical Chemistry, 2019, 855, 113622.	1.9	17
52	Exonuclease-assisted target recycling for ultrasensitive electrochemical detection of microRNA at vertically aligned carbon nanotubes. Nanoscale, 2019, 11, 11262-11269.	2.8	37
53	Synthesis of Benzothiopheneâ€Fused Oxa[6.6.5]tricyclic Skeletons through a Cinchonidineâ€or NaOHâ€Promoted Quadruple Domino Sequence. Chemistry - A European Journal, 2019, 25, 9665-9669.	1.7	8
54	(001) plan manipulation of Î±-Fe2O3 nanostructures for enhanced electrochemical Cr(VI) sensing. Journal of Electroanalytical Chemistry, 2019, 841, 142-147.	1.9	56

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55	Synthesis of Benzothiophene-Fused Pyran Derivatives via Piperidine Promoted Domino Reaction. Heteroatom Chemistry, 2019, 2019, 1-6.	0.4	7
56	Cellulose Nanocrystals: Production, Functionalization and Advanced Applications. Reviews on Advanced Materials Science, 2019, 58, 1-16.	1.4	59
57	Controlling carbon-oxygen double bond and pseudographic structure in shaddock peel derived hard carbon for enhanced sodium storage properties. Electrochimica Acta, 2019, 313, 109-115.	2.6	28
58	Silver nanowire as an efficient filler for high conductive polyurethane composites. Materials Science and Technology, 2019, 35, 462-468.	0.8	4
59	Graphene-Based Multilayered Metamaterials with Phototunable Architecture for on-Chip Photonic Devices. ACS Photonics, 2019, 6, 1033-1040.	3.2	98
60	Aptamer biorecognition-triggered DNAzyme liberation and Exo III-assisted target recycling for ultrasensitive homogeneous colorimetric bioassay of kanamycin antibiotic. Chemical Communications, 2019, 55, 3959-3962.	2.2	33
61	Delaminated Ti3C2Tx (MXene) for electrochemical carbendazim sensing. Materials Letters, 2019, 236, 412-415.	1.3	72
62	Phosphine-Catalyzed Domino Reaction of Thioaurones and Allenoate: Synthesis of Benzothiophene-Fused Dioxabicyclo[3.3.1]nonane Derivatives. Journal of Organic Chemistry, 2018, 83, 5410-5419.	1.7	21
63	Darzens reaction of thioisatins and sulfonium salts: approach to the synthesis of thiochromenone derivatives with anticancer potency. Organic and Biomolecular Chemistry, 2018, 16, 3487-3494.	1.5	12
64	Highly stable and regenerative grapheneâ€“diamond hybrid electrochemical biosensor for fouling target dopamine detection. Biosensors and Bioelectronics, 2018, 111, 117-123.	5.3	112
65	Square wave voltammetric quantitative determination of flavonoid luteolin in peanut hulls and Perilla based on Au NPs loaded boron nitride nanosheets. Journal of Electroanalytical Chemistry, 2018, 817, 128-133.	1.9	35
66	A solid-state electrochemical sensing platform based on a supramolecular hydrogel. Sensors and Actuators B: Chemical, 2018, 262, 326-333.	4.0	41
67	Enzyme-induced biomineralization of cupric subcarbonate for ultrasensitive colorimetric immunosensing of carcinoembryonic antigen. Sensors and Actuators B: Chemical, 2018, 262, 789-795.	4.0	19
68	Synthesis of Dibenzothiophene and 1,4-Dihydrodibenzothiophene Derivatives via Allylic Phosphonium Salt Initiated Domino Reactions. Organic Letters, 2018, 20, 1106-1109.	2.4	22
69	2D layered organicâ€“inorganic heterostructures for clean energy applications. Journal of Materials Chemistry A, 2018, 6, 3824-3849.	5.2	51
70	Defects regulating of graphene ink for electrochemical determination of ascorbic acid, dopamine and uric acid. Talanta, 2018, 180, 248-253.	2.9	124
71	A glassy carbon electrode modified with N-doped carbon dots for improved detection of hydrogen peroxide and paracetamol. Mikrochimica Acta, 2018, 185, 87.	2.5	80
72	Electrochemical antioxidant screening based on a chitosan hydrogel. Bioelectrochemistry, 2018, 121, 7-10.	2.4	43

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73	Phosphine-catalyzed [4 + 2] annulation of Î³-benzyl allenoates: facile synthesis of benzothieno[3,2-b]pyran derivatives. Organic and Biomolecular Chemistry, 2018, 16, 2885-2892.	1.5	15
74	Hall effect biosensors with ultraclean graphene film for improved sensitivity of label-free DNA detection. Biosensors and Bioelectronics, 2018, 99, 85-91.	5.3	60
75	Surface functionalization and manipulation of mesoporous silica adsorbents for improved removal of pollutants: a review. Environmental Science: Water Research and Technology, 2018, 4, 110-128.	1.2	131
76	Two- and three-dimensional graphene-based hybrid composites for advanced energy storage and conversion devices. Journal of Materials Chemistry A, 2018, 6, 702-734.	5.2	126
77	Self-assembly of phenoxyl-dextran on electrochemically reduced graphene oxide for nonenzymatic biosensing of glucose. Carbon, 2018, 127, 202-208.	5.4	22
78	Electrochemical Enantiomer Recognition Based on sp3-to-sp2 Converted Regenerative Graphene/Diamond Electrode. Nanomaterials, 2018, 8, 1050.	1.9	11
79	Impact of graphene oxide on dye absorption in composite hydrogels. Fullerenes Nanotubes and Carbon Nanostructures, 2018, 26, 649-653.	1.0	8
80	Substrate-Controlled Domino Reactions of Crotonate-Derived Sulfur Ylides: Synthesis of Benzothiophene Derivatives. Journal of Organic Chemistry, 2018, 83, 13821-13833.	1.7	31
81	Synthesis of Polydopamine Nanoparticles for Drug Delivery Applications. Microscopy and Microanalysis, 2018, 24, 1758-1759.	0.2	21
82	Distinguishing surface sites involved in the adsorption of lead onto sinapinaldehyde-functionalised mesocellular foam mesoporous silica. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 552, 153-160.	2.3	18
83	Ultrasensitive electrochemical aptasensing of kanamycin antibiotic by enzymatic signal amplification with a horseradish peroxidase-functionalized gold nanoprobe. Sensors and Actuators B: Chemical, 2018, 273, 1762-1767.	4.0	32
84	Label-Free Electrochemical Detection of Vanillin through Low-Defect Graphene Electrodes Modified with Au Nanoparticles. Materials, 2018, 11, 489.	1.3	20
85	Prolonged and continuous antibacterial and anti-biofilm activities of thin films embedded with gentamicin-loaded mesoporous silica nanoparticles. Applied Nanoscience (Switzerland), 2018, 8, 1471-1482.	1.6	13
86	Towards enhanced energy density of graphene-based supercapacitors: Current status, approaches, and future directions. Journal of Power Sources, 2018, 396, 182-206.	4.0	111
87	Reduced Graphene Oxide Nanocomposite Modified Electrodes for Sensitive Detection of Ciprofloxacin. Electroanalysis, 2018, 30, 2185-2194.	1.5	26
88	Graphene-supported 2D transition metal oxide heterostructures. Journal of Materials Chemistry A, 2018, 6, 13509-13537.	5.2	103
89	Direct Nâ€“H/Î±,Î±,Î²,Î²-C(sp³)â€“H functionalization of piperidineviaan azomethine ylide route: synthesis of spirooxindoles bearing 3-substituted oxindoles. Chemical Communications, 2017, 53, 1684-1687.	2.2	32
90	An ultrathin high-performance heat spreader fabricated with hydroxylated boron nitride nanosheets. 2D Materials, 2017, 4, 025047.	2.0	145

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91	Amperometric aptasensing of chloramphenicol at a glassy carbon electrode modified with a nanocomposite consisting of graphene and silver nanoparticles. Mikrochimica Acta, 2017, 184, 1445-1451.	2.5	69
92	Copper chromogenic reaction based colorimetric immunoassay for rapid and sensitive detection of a tumor biomarker. Analytica Chimica Acta, 2017, 963, 106-111.	2.6	35
93	One-pot loading high-content thionine on polydopamine-functionalized mesoporous silica nanosphere for ultrasensitive electrochemical immunoassay. Biosensors and Bioelectronics, 2017, 95, 15-20.	5.3	28
94	Recent progress in the biomedical applications of polydopamine nanostructures. Biomaterials Science, 2017, 5, 1204-1229.	2.6	219
95	Solvent-Controlled Switchable Domino Reactions of MBH Carbonate: Synthesis of Benzothiophene Fused Î±-Pyran, 2,3-Dihydrooxepine, and Oxatricyclodecene Derivatives. Organic Letters, 2017, 19, 6084-6087.	2.4	47
96	NaH promoted [4+3] annulation of crotonate-derived sulfur ylides with thioaurones: synthesis of 2,5-dihydrobenzo[4,5]thieno[3,2-b]oxepines. Chemical Communications, 2017, 53, 10672-10675.	2.2	52
97	Direct Functionalization of Azepane via Azomethine Ylides: Aâ€‰Highly Efficient Synthesis of Spirooxindoles Bearing a 1â€Azabicyclo[5.3.0]decane Moiety. Asian Journal of Organic Chemistry, 2017, 6, 1719-1723.	1.3	5
98	Preparation and characterization of highly conductive polyurethane composites containing graphene and gold nanoparticles. Journal of Materials Science, 2017, 52, 11774-11784.	1.7	17
99	Graphene Films Using a Thermally Curable Surfactant. Advanced Materials Interfaces, 2016, 3, 1600182.	1.9	20
100	Enzymatically catalytic signal tracing by a glucose oxidase and ferrocene dually functionalized nanoporous gold nanoprobe for ultrasensitive electrochemical measurement of a tumor biomarker. Analyst, The, 2016, 141, 4381-4387.	1.7	17
101	Development of Ag dendrites-reduced graphene oxide composite catalysts via galvanic replacement reaction. Physica E: Low-Dimensional Systems and Nanostructures, 2016, 83, 146-150.	1.3	11
102	Advanced Catalytic and Electrocatalytic Performances of Polydopamineâ€Functionalized Reduced Graphene Oxideâ€Palladium Nanocomposites. ChemCatChem, 2016, 8, 2975-2980.	1.8	27
103	Microwave Irradiationâ€Assisted Exfoliation of Boron Nitride Nanosheets: A Platform for Loading High Density of Nanoparticles. ChemistrySelect, 2016, 1, 1799-1803.	0.7	18
104	Cs₂CO₃â€Promoted Michael Additionâ€[2,3]â€Sigmatropic Rearrangement Domino Reaction: Facile Synthesis of a 3â€Substituted Indoles Bearing a Homoallyl Sulfide Moiety. Asian Journal of Organic Chemistry, 2016, 5, 1309-1313.	1.3	9
105	In situ growth of metal nanoparticles on boron nitride nanosheets as highly efficient catalysts. Journal of Materials Chemistry A, 2016, 4, 19107-19115.	5.2	52
106	Fabrication of Î²-Cyclodextrin-Functionalized Reduced Graphene Oxide and Its Application for Electrocatalytic Detection of Carbendazim. Electrocatalysis, 2016, 7, 411-419.	1.5	44
107	DABCO-catalyzed unusual [4 + 2] cycloaddition reaction: non-substituted allenoate acts as a four-carbon synthon and facile synthesis of spirooxindoles. Organic and Biomolecular Chemistry, 2016, 14, 1226-1230.	1.5	20
108	Oneâ€Pot Preparation of Graphene/Gold Nanocomposites for Ultrasensitive Nonenzymatic Electrochemical Immunoassay. Electroanalysis, 2016, 28, 69-75.	1.5	10

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109	Amplified inhibition of the electrochemical signal of ferrocene by enzyme-functionalized graphene oxide nanoprobe for ultrasensitive immunoassay. Analytica Chimica Acta, 2016, 902, 189-195.	2.6	28
110	A Catalystâ€Free Approach to Construct 3â€(Cyclopentenone)oxindoles Through a Phosphineâ€Ylideâ€Initiated Triple Domino Sequence. Asian Journal of Organic Chemistry, 2015, 4, 630-637.	1.3	11
111	One-Pot Synthesis of Multipod ZnO-Carbon Nanotube-Reduced Graphene Oxide Composites with High Performance in Photocatalysis. Journal of Nanoscience and Nanotechnology, 2015, 15, 4325-4331.	0.9	32
112	Stability and controlled antibiotic release from thin films embedded with antibiotic loaded mesoporous silica nanoparticles. RSC Advances, 2015, 5, 107839-107846.	1.7	11
113	Preparation and Electrocatalytic Properties of Polydopamine Functionalized Reduced Graphene Oxide-Silver Nanocomposites. Electrocatalysis, 2015, 6, 72-76.	1.5	52
114	Controlling antibiotic release from mesoporous silica nano drug carriers via self-assembled polyelectrolyte coating. Journal of Materials Science: Materials in Medicine, 2015, 26, 117.	1.7	29
115	In situ deposition of Prussian blue on mesoporous carbon nanosphere for sensitive electrochemical immunoassay. Biosensors and Bioelectronics, 2015, 74, 660-665.	5.3	38
116	Galvanic replacement synthesis of silver dendrites-reduced graphene oxide composites and their surface-enhanced Raman scattering characteristics. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 149, 396-401.	2.0	36
117	Enzymatically catalytic deposition of gold nanoparticles by glucose oxidase-functionalized gold nanoprobe for ultrasensitive electrochemical immunoassay. Biosensors and Bioelectronics, 2015, 71, 353-358.	5.3	41
118	Development of a novel nitrite electrochemical sensor by stepwise in situ formation of palladium and reduced graphene oxide nanocomposites. RSC Advances, 2015, 5, 40111-40116.	1.7	114
119	Electroanalysis of Dopamine Using Reduced Graphene Oxide-Palladium Nanocomposites. Nanoscience and Nanotechnology Letters, 2015, 7, 147-151.	0.4	21
120	Diverse synthesis of pyrano[2,3-b]indol and dihydropyrano[2,3-b]indol via tunable Lewis bases catalyzed domino reactions. Tetrahedron, 2015, 71, 7706-7716.	1.0	27
121	Preparation of Î²-cyclodextrin functionalized reduced graphene oxide: application for electrochemical determination of paracetamol. RSC Advances, 2015, 5, 76973-76978.	1.7	100
122	Preparation of ZnO flower/reduced graphene oxide composite with enhanced photocatalytic performance under sunlight. Ceramics International, 2015, 41, 4007-4013.	2.3	117
123	Selective Detection of Ferric Ions by Blueâ€“Green Photoluminescent Nitrogenâ€Doped Phenol Formaldehyde Resin Polymer. Small, 2014, 10, 3662-3666.	5.2	27
124	Nanocomposite Coating of Multilayered Carbon Nanotubeâ€“Titania. Materials and Manufacturing Processes, 2014, 29, 1030-1036.	2.7	20
125	Physical and thermal characterization of graphene oxide modified gelatinâ€based thin films. Polymer Composites, 2014, 35, 2043-2049.	2.3	15
126	Convenient synthesis of substituted tetrahydrofuran via Lewis base catalyzed [3 + 2] domino reactions. RSC Advances, 2014, 4, 52629-52632.	1.7	19

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127	Goldâ€Nanorodâ€Assisted Nearâ€Infrared Stimulation of Primary Auditory Neurons. Advanced Healthcare Materials, 2014, 3, 1862-1868.	3.9	120
128	Ultrasensitive Immunoassay Based on Amplified Inhibition of the Electrochemical Stripping Signal of Silver Nanocomposite by Silica Nanoprobe. Electroanalysis, 2014, 26, 409-415.	1.5	18
129	Ultrasensitive Immunoassay Based on Electrochemical Measurement of Enzymatically Produced Polyaniline. Analytical Chemistry, 2014, 86, 1789-1793.	3.2	96
130	Cooperative fabrication of ternary nanofibers with remarkable solvent and temperature resistance by electrospinning. RSC Advances, 2014, 4, 31400-31408.	1.7	17
131	Carbon nanotube and graphene oxide directed electrochemical synthesis of silver dendrites. RSC Advances, 2014, 4, 39645-39650.	1.7	38
132	Chemical preparation and applications of silver dendrites. Chemical Papers, 2014, 68, .	1.0	27
133	Amplified inhibition of the electrochemical signal of grapheneâ€“thionine nanocomposites using silica nanoprobes for ultrasensitive electrochemical immunoassays. Analytical Methods, 2014, 6, 2080-2085.	1.3	12
134	Carbon nanotube based nanostructured thin films: preparation and application. Proceedings of SPIE, 2013, , .	0.8	1
135	Preparation of sinapinaldehyde modified mesoporous silica materials and their application in selective extraction of trace Pb(II). International Journal of Environmental Analytical Chemistry, 2013, 93, 1274-1285.	1.8	10
136	Laser exposure of gold nanorods can increase neuronal cell outgrowth. Biotechnology and Bioengineering, 2013, 110, 2277-2291.	1.7	91
137	In situ deposition of gold nanoparticles on polydopamine functionalized silica nanosphere for ultrasensitive nonenzymatic electrochemical immunoassay. Biosensors and Bioelectronics, 2013, 47, 178-183.	5.3	79
138	A glassy carbon electrode modified with a polyaniline doped with silicotungstic acid and carbon nanotubes for the sensitive amperometric determination of ascorbic acid. Mikrochimica Acta, 2013, 180, 437-443.	2.5	33
139	Plasmonic properties of gold nanoparticles can promote neuronal activity. Proceedings of SPIE, 2013, , .	0.8	8
140	Simultaneous Sensitive Determination of Dopamine and Uric Acid in the Presence of Excess Ascorbic Acid with a Magnetic Chitosan Microsphere/Thionine Modified Electrode. Analytical Letters, 2013, 46, 1525-1536.	1.0	11
141	Porous-Magnetic Chitosan Microsphere/Horseradish Peroxidase Modified Electrode for the Selective Determination of Hydrogen Peroxide. Nanoscience and Nanotechnology Letters, 2013, 5, 684-689.	0.4	1
142	Antibacterial Properties of Multi-Walled Carbon Nanotube-Silver Nanoparticles Composite Thin Films. Nanoscience and Nanotechnology Letters, 2013, 5, 1293-1297.	0.4	7
143	Functionalized Mesostructured Cellular Foams for Loading and Release of Streptomycin. Chemistry Letters, 2013, 42, 235-237.	0.7	2
144	Simple and Sensitive Glucose Biosensing Based on the Electrocatalysis of Oxygen Reduction by the Graphene/Palladium Nanocomposite. Sensor Letters, 2013, 11, 1600-1605.	0.4	1

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145	An ionic liquid-based sorbent for solid phase extraction of trace iron(Ð¨) from biological and natural water samples. International Journal of Environmental Analytical Chemistry, 2012, 92, 1250-1261.	1.8	6
146	Carbon Nanotubeâ€“Polypyrrole Hybrid Films as Potentiometric Peroxide Biosensors. Chemistry Letters, 2012, 41, 1492-1494.	0.7	4
147	Fe3O4@ZrO2 nanoparticles magnetic solid phase extraction coupled with flame atomic absorption spectrometry for chromium(III) speciation in environmental and biological samples. Applied Surface Science, 2012, 258, 6772-6776.	3.1	90
148	Removal of aqueous toxic Hg(II) by functionalized mesoporous silica materials. Journal of Chemical Technology and Biotechnology, 2012, 87, 1473-1479.	1.6	20
149	Silver nanoparticleâ€“carbon nanotube hybrid films: Preparation and electrochemical sensing. Electrochimica Acta, 2012, 74, 111-116.	2.6	63
150	Amperometric hydrogen peroxide biosensor based on a glassy carbon electrode modified with polythionine and gold nanoparticles. Mikrochimica Acta, 2012, 176, 279-285.	2.5	15
151	Mesoporous Silica Hollow and Solid Spheres by Templating Poly(pyrrole) Inverse Opals. Chemistry Letters, 2011, 40, 874-876.	0.7	2
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